UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

NOTICE OF ALLOWANCE AND FEE(S) DUE

James Edward Ledbetter 1875 Eye Street Suite 1200 Washington, DC 20006 07/25/2011

EXAMINER

NGUYEN, DAVID Q

ART UNIT PAPER NUMBER

2617

DATE MAILED: 07/25/2011

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/577,710	04/08/2009	Christian Wengerter	L7725.06106	8631

TITLE OF INVENTION: TRANSMISSION POWER LEVEL SETTING DURING CHANNEL ASSIGNMENT FOR INTERFERENCE BALANCING IN A CELLULAR WIRELESS COMMUNICATION SYSTEM

APPLN. TYPE SMALL ENTITY ISSUE FEE DUE PUBLICATION FEE DUE PREV. PAID ISSUE FEE TOTAL FEE(8) DUE DATE DUE nonprovisional NO \$1510 \$300 \$0 \$1810 10/25/2011

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN <u>THREE MONTHS</u> FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. <u>THIS STATUTORY PERIOD CANNOT BE EXTENDED.</u> SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

ppropriate. All further of adicated unless corrected anintenance fee notificati	d below or directed oth	ng the Patent, advance of the Patent, advance of the Patent, advance of the Patent I, by (a	rders and notification of n a) specifying a new corres	naintenance fees wi epondence address; a	Il be mailed to the current and/or (b) indicating a separate	correspondence address as arate "FEE ADDRESS" for					
		ock 1 for any change of address)	Fee(Note: A certificate of mailing can only be used for domestic mailings of t Fee(s) Transmittal. This certificate cannot be used for any other accompanyi papers. Each additional paper, such as an assignment or formal drawing, make its own certificate of mailing or transmission.							
James Edward I 1875 Eye Street Suite 1200 Washington, DC		/2011	I he State addr	Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the Un States Postal Service with sufficient postage for first class mail in an enve addressed to the Mail Stop ISSUE FEE address above, or being facsis transmitted to the USPTO (571) 273-2885, on the date indicated below.							
, rushington, 20	20000					(Depositor's name)					
						(Signature)					
						(Date)					
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR		ATTORNEY DOCKET NO.	CONFIRMATION NO.					
10/577,710	04/08/2009	•	Christian Wengerter	•	L7725.06106	8631					
ELLULAR WIRELESS	COMMUNICATION	SYSTEM			TERFERENCE BALANC						
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE							
nonprovisional	NO	\$1510	\$300	\$0	\$1810	10/25/2011					
EXAMI	NER	ART UNIT	CLASS-SUBCLASS								
NGUYEN, 1	DAVID Q	2617	370-328000	370-328000							
"Fee Address" indic PTO/SB/47; Rev 03-02 Number is required. ASSIGNEE NAME AN PLEASE NOTE: Unle	ondence address (or Cha /122) attached. cation (or "Fee Address 2 or more recent) attached ND RESIDENCE DATA cass an assignee is ident in 37 CFR 3.11. Comp	"Indication form ed. Use of a Customer A TO BE PRINTED ON Tiffied below, no assignee	2. For printing on the p (1) the names of up to or agents OR, alternativ (2) the name of a single registered attorney or a 2 registered patent atto listed, no name will be THE PATENT (print or type data will appear on the patent attorney or a substitute for filing and (B) RESIDENCE: (CITY)	3 registered patent vely, e firm (having as a rigent) and the names rneys or agents. If no printed. be) atent. If an assigned assignment.	attorneys 1	ocument has been filed for					
lease check the appropria		categories (will not be pr	<u> </u>			oup entity Government					
☐ Issue Fee ☐ Publication Fee (No	o small entity discount p	permitted)	b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) A check is enclosed. Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).								
**	SMALL ENTITY statu	us. See 37 CFR 1.27.	b. Applicant is no long	ger claiming SMALI	L ENTITY status. See 37 C	FR 1.27(g)(2).					
OTE: The Issue Fee and iterest as shown by the re	Publication Fee (if requeeords of the United Sta	uired) will not be accepte tes Patent and Trademark	a Irom anyone other than the Office.	ne applicant; a regist	tered attorney or agent; or th	ne assignee or other party in					
Authorized Signature _				Date							
Typed or printed name				Registration No)						
his collection of informand application. Confidential britting the completed his form and/or suggestic	ation is required by 37 C tality is governed by 35 application form to the ons for reducing this but	CFR 1.311. The informatic U.S.C. 122 and 37 CFR USPTO. Time will vary rden, should be sent to th	on is required to obtain or r 1.14. This collection is est depending upon the indiv e Chief Information Office	etain a benefit by the imated to take 12 m idual case. Any con er, U.S. Patent and T	e public which is to file (an inutes to complete, includir ments on the amount of tir rademark Office, U.S. Dep	by the USPTO to process) ag gathering, preparing, and me you require to complete artment of Commerce, P.O.					

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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10/577,710	04/08/2009	Christian Wengerter	L7725.06106	8631	
52989 75	90 07/25/2011		EXAM	INER	
James Edward Le	edbetter		NGUYEN,	DAVID Q	
1875 Eye Street Suite 1200			ART UNIT	PAPER NUMBER	
Washington, DC 20	0006		2617		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

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The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- 1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
- 2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
- 3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- 5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- 6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
- 9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Issue Classification



Application/Control No.	Applicant(s)/Patent Under Reexamination
10577710	WENGERTER ET AL.
Examiner	Art Unit
DAVID Q NGUYEN	2617

ORIGINAL CLASS SUBCLASS							INTERNATIONAL CLASSIFICATION								
							CLAIMED						NON-CLAIMED		
455 453 CROSS REFERENCE(S)						Н	0	4	W	72 / 00 (2009.01.01)					
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)														
455	447	450	452.2	454											
	1														

	Claims re	numbere	d in the s	ame orde	r as prese	ented by a	pplicant		СР	Α [] T.D.		R.1.4	47	
Final	Final Original Final Original Final Original Final Original					Original	Final	Original	Final	Original	Final	Original	Final	Original	
	1		17		33		49	14	65	32	81				
	2		18		34	4	50	15	66	33	82				
	3		19		35	18	51	16	67	34	83				
	4		20		36		52	17	68						
	5		21		37	19	53	22	69						
	6		22		38	20	54	23	70						
	7		23		39	21	55	24	71						
	8		24		40	5	56	25	72						
	9		25		41	6	57	27	73						
	10		26		42	7	58	29	74						
	11		27		43	8	59	30	75						
	12		28		44	9	60	31	76						
	13		29	1	45	10	61		77						
	14		30		46	11	62	28	78						
	15		31	2	47	12	63		79						
	16		32	3	48	13	64	26	80						

NONE	Total Claims Allowed:				
(Assistant Examiner)	(Date)	3	4		
/DAVID Q NGUYEN/ Primary Examiner.Art Unit 2617	07/20/2011	O.G. Print Claim(s)	O.G. Print Figure		
(Primary Examiner)	(Date)	1	1		